Mobile climate solutions

Roof air conditioners 102 – 111
Under-bench air conditioner 112 – 113

Dometic air conditioners: Travelling the pleasant way

The idea of going on holiday in your recreational vehicle is to explore new ground – not going without the comfort you are used to at home. A Dometic air conditioner enables you to enjoy the same pleasant temperatures wherever you are. Powered by strong and energy-saving technology it offers high cooling performance for optimum comfort. The humidity in the air is effectively reduced, dirt and dust particles are filtered out. That's how Dometic air conditioners ensure you always travel in comfort.

Climate as desired

Take your pick: the Dometic range offers air conditioners in all performance categories – including models with manual temperature control or automatic air conditioning, with integrated heating or a heat pump. Roof mounting allows for maximum efficiency and use of space. An ingenious system based on nature's own example: warm air is drawn in and cooled down, while cool air sinks down naturally. The under-bench air conditioner is a genuine innovation in climate control technology: supplied with a heat pump, it offers cooling as well as heating.

Hot or cold days, roof mounting or installation inside the vehicle: Dometic has the right solution for every situation!

Roof air conditioners

Dometic B 1500S

- **Fast and easy roof mounting:** normally the air conditioners simply replaces the existing roof window. Dometic roof air conditioners have been adapted to the measurements of commonly used roof windows.
- **Efficient operation:** roof air conditioners use the physical principle that cold air sinks. The cold air streams are spread in the vehicle interior in an energy-saving manner and without performance loss.

Model	Best for vehicle length	Page
Dometic CA 1000	up to 5 m	102 – 103
Dometic B 1100S	up to 5 m	104 – 105
Dometic B 1500S	up to 6 m	104 – 105
Dometic B 1600PLUS	up to 6 m	106 – 109
Dometic B 2200	up to 7 m	106 – 109
Dometic B 2600	up to 8 m	106 – 109
Dometic B 3200	8 m plus	110 – 111

Under-bench air conditioners

Dometic HB 2500

- **Under-bench installation:** retain full use of the roof window of your caravan or motorhome. The roof load and outside dimensions of the vehicle are not affected. The air distribution can be flexibly adapted to the specific situation inside the vehicle.
- **High energy efficiency:** the heat pump principle enables a cooling capacity of 2500 watts and an amazing 3000 watts of heating power – at a maximum power draw of 1100 watts!

Model	Best for vehicle length	Page
Dometic HB 2500	up to 8 m	112 – 113

Contents, specifications and availability are subject to change serving the technical improvement.
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Extras for refreshing independence

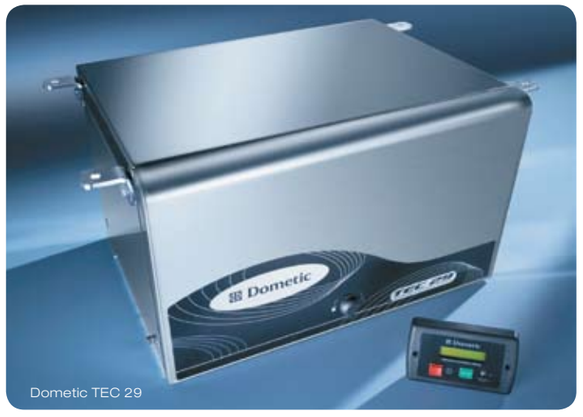
The Dometic air conditioning programme gives wide scope for individual planning: it has the matching solution for every installation need, every desired comfort level and every budget. A comprehensive range of accessories guarantees total independence from an external power supply. Regardless of where you decide to stop, the right type of Dometic generator makes you independent from the 230-volt mains supply. A DC kit powers your air conditioner during the journey.

Generators – autonomous 230-volt stationary operation

Enjoy your holidays, far from all the crowds and noise – yet still in perfect comfort. A Dometic generator allows you to run your air conditioner wherever you are, even when no mains supply is available. The well-proven units are available in different performance ratings. Choose the model to match your Dometic air conditioner, and remember to add a little “extra” capacity for tools, domestic appliances, or charging the vehicle batteries.

Which generator matches which air conditioner?

	TEC 29/29LPG/30EV	TEC 40	T 2500 H	T 4000 H
CA 1000	■	■	■	
B 1100S	■	■	■	
B 1500S	■	■	■	
B 1600PLUS	■	■	■	
B 2200	■	■	■	
B 2600	■	■		■
B 3200	■	■		■
HB 2500	■	■		■



Dometic TEC 29

For more information about generators and technical details see p. 118 – 125, or visit www.dometic-waeco.com/en/generators

12-volt DC kits for air conditioning while driving

Dometic air conditioners give you perfect climate control wherever you are: at your holiday destination and on the way there. For many models we offer matching DC kits for mobile operation from the 12-volt vehicle battery.

With a DC kit you can run your Dometic air conditioner while driving to boost the capacity of your vehicle A/C. You can choose from three models with different performance levels, features and functions [not designed for heating].

Which kit matches which air conditioner?

	DC-Kit-1	DC-Kit-2	DC-Kit-3
CA 1000	■		■
B 1600PLUS		■	■
B 2200		■	■
HB 2500			■

DC-Kit-1

DC-Kit-3

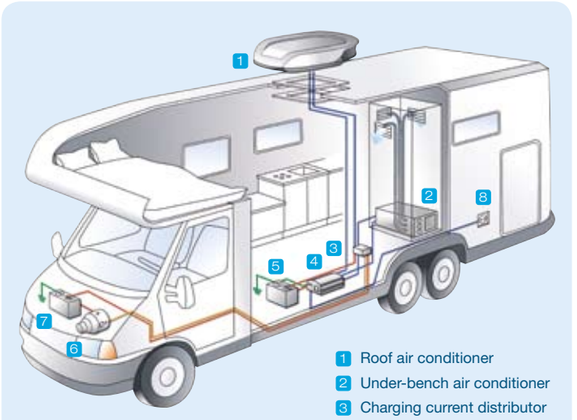
DC-Kit-1 / DC-Kit-2
Standard model with 1000 or 1600 watts continuous output. Inverter with sinusoidal output voltage. Charging current distributor with low-voltage protection. Mains priority circuit. Remote control.

DC-Kit-3
Comfort model with 1500 watts continuous output. High-quality sine wave inverter. Additional 230-volt socket for other electric appliances. Charging current distributor with low-voltage protection. Mains priority circuit. Remote control.

Perfect energy management with charging current distributor

All three DC kits come standard with a charging current distributor with low-voltage protection. The charging current distributor enables optimal energy efficiency while driving. With its assistance, the air conditioner can be perfectly integrated into the vehicle’s energy management system. The unit regulates the current distribution between the starter battery, supply battery and the generator. At the same time, it prevents overload of batteries or onboard electronics. If the generator’s capacity is insufficient and the energy required is drawn from the batteries, the charging current distributor turns the air conditioner off for a short period of time to prevent excessive discharging of the starter battery.

Once the batteries have been recharged, the system is automatically turned on again.



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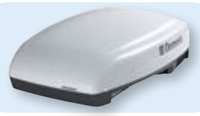
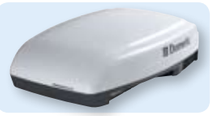
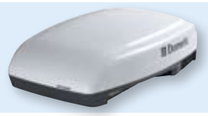
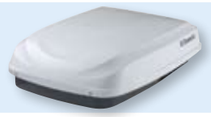
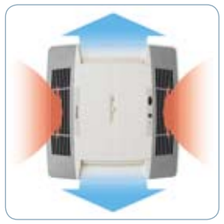
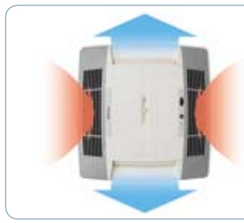
Air conditioners

	CA 1000	B 1100S	B 1500S	B 1600PLUS	B 2200	B 2600	B 3200	HB 2500
						NEW		
Cooling capacity [watts/Btu/h]	1000/3400	1000/3400	1500/5200	1500/5200	2200/7500	2500/8500	3200/10900	2500/8500
Heating capacity [watts]	—	800	800	800	1200	3300*	1600	3000**
Power consumption Cooling/heating [watts] Heat pump [watts]	450/— —	500/800 —	650/800 —	650/800 —	910/1200 —	1200/1350 1350	1350/1600 —	900/1100 1100
Input voltage	230 volts AC/50 Hz	230 volts AC/50 Hz	230 volts AC/50 Hz	230 volts AC/50 Hz	230 volts AC/50 Hz	230 volts AC/50 Hz	230 volts AC/50 Hz	230 volts AC/50 Hz
Current consumption Cooling/heating [A] Heat pump [A]	2.3/— —	2.1/3.5 —	2.9/3.5 —	2.9/3.5 —	4.0/5.2 —	4.0/5.2 5.2	6.3/6.9 —	3.9/4.8 4.8
Necessary circuit protection [Campsite, A, delay fuse]	3	4	4	4	6	6	10	6
Refrigerant	R134a	R407c	R407c	R407c	R407c	R407c	R407c	R410a
Dimensions [W x H x D mm]	565 x 199 x 690	650 x 235 x 980	650 x 235 x 980	650 x 235 x 980	650 x 235 x 980	650 x 235 x 980	737 x 245 x 1025	400 x 280 x 710
Roof opening [W x D mm]	400 – 435 x 400 – 435	400 x 400	400 x 400	400 x 400	400 x 400	400 x 400	355 x 355	—
Roof thickness [mm]	35 – 50	25 – 45	25 – 45	30 – 80	30 – 80	30 – 80	110	—
Weight [kg]	22	29	33	33	34	40.5	45	24.9
Test marks	TÜV/GS, e-approved to EMC automotive directive	E-approved to EMC automotive directive	E-approved to EMC automotive directive	E-approved to EMC automotive directive	E-approved to EMC automotive directive	e-approved to EMC automotive directive	E-approved to EMC automotive directive	E-approved to EMC automotive directive

Air distribution

								
Remote control	No	No	No	Yes	Yes	Yes	No	Yes
Number of blower speeds	2	2	2	4	4	4	3	3
Functions	Temperature pre-setting [+17°C to +30°C] Automatic mode Cooling	Thermostat temperature control Cooling/heating Air filter	Thermostat temperature control Cooling/heating Air filter	Night-time control Timer Temperature pre-setting [+18°C to +40°C] Automatic mode Cooling/heating Lighting ON/OFF	Night-time control Timer Temperature pre-setting [+18°C to +40°C] Automatic mode Cooling/heating Lighting ON/OFF	Night-time control Timer Temperature pre-setting [+18°C to +40°C] Automatic mode Cooling/heating Lighting ON/OFF	Thermostat temperature control Cooling/heating/ recirculating air	Clock Temperature pre-setting [+18°C to +40°C] Automatic mode Cooling/heating
Number of air vents	4	1 [front]	1 [front]	2 [1 each front/rear]	2 [1 each front/rear]	2 [1 each front/rear]	5 [1 each front/rear/ left/right/bottom]	3 air outlets [optional] to be fitted as required
Air vent functions	Can be closed separately, turned or adjusted in tilt	Adjustable in tilt	Adjustable in tilt	Continuous air flow regulation for all outlets	Continuous air flow regulation for all outlets	Continuous air flow regulation for all outlets	Can be closed separately	
Special features	Super-compact design, 22 kg, just 20 cm high	Extra-flat air diffuser system	Extra-flat air diffuser system	Air diffuser with integrated lighting	Air diffuser with integrated lighting	Energy-efficient heat pump system	Air circulation mode can be activated separately	Energy-efficient heat pump system
Best for vehicle length	up to 5 m	up to 5 m	up to 6 m	up to 6 m	up to 7 m	up to 8 m	8 m plus	up to 8 m
Optional: DC kits for 12-volt operation	DC-Kit-1 DC-Kit-3	—	—	DC-Kit-2 DC-Kit-3	DC-Kit-2 DC-Kit-3	—	—	DC-Kit-3
Optional: Matching generators	TEC 29, TEC 29LPG, TEC 30EV, TEC 40, T 2500H	TEC 29, TEC 29LPG, TEC 30EV, TEC 40, T 2500H	TEC 29, TEC 29LPG, TEC 30EV, TEC 40, T 2500H	TEC 29, TEC 29LPG, TEC 30EV, TEC 40, T 2500H	TEC 29, TEC 29LPG, TEC 30EV, TEC 40, T 2500H	TEC 29, TEC 29LPG, TEC 30EV, TEC 40, T 4000H	TEC 29, TEC 29LPG, TEC 30EV, TEC 40, T 4000H	TEC 29, TEC 29LPG, TEC 30EV, TEC 40, T 4000H

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* Max. heating capacity = heat pump capacity ** heat pump capacity plus heating resistor capacity

The clever compact class

This air conditioner fits any RV and any budget! The favourably priced Dometic CA 1000 is amazingly **compact**. At a flat height of 20 cm it is ideal for installation in **smaller caravans, motorhomes and panel vans**.

The powerful compressor system is quick and easy to install – in an existing or newly cut roof opening. Due to its low starting current, the CA 1000 works simply everywhere and without fail, even on campsites with low electrical circuit protection. Two optional DC kits are available for mobile operation. **Small is smart – welcome to the compact class of vehicle air conditioning!**

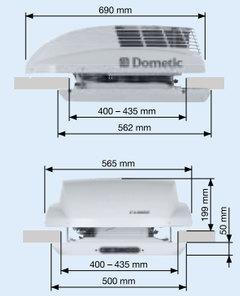
- Super compact, aerodynamic design, low weight
- Perfect installation results, air conditioner adjusts to the roof thickness
- Energy-saving, pleasantly quiet running
- Two blower speeds, manual or automatic operation
- Temperature and blower speed set by control panel
- Designed for stationary operation [230 volts]
- In combination with DC-Kit-1 or DC-Kit-3 also for mobile operation [12 volts]
- Impeccable operation on all European campsites due to low starting current [< 3 A]

Two different air zones in one vehicle

Optimum conditions for living and sleeping: Dometic CA 1000 brings domestic standards to your mobile home. The ultra-compact, space-saving design allows for problem-free installation of two units on the roof of larger caravans to create separate air zones inside. The roof load is relatively low, as the weight of two CA 1000s is virtually the same as a conventional single roof air conditioner. Given you have a large enough vehicle, you can also combine the CA 1000 with other Dometic air conditioners.

Dometic CA 1000 — 2.08

Roof air conditioner with 1000-watt cooling capacity, for 230-volt stationary operation, 12-volt mobile operation with optional DC kit



Cooling capacity	1000 watts/3400 Btu/h
Power consumption	450 watts
Input voltage	230 volts AC/50 Hz
Current consumption	2.3 A
Necessary circuit protection [campsite]	3 A delay fuse
Number of blower speeds	2/automatic
Thermostat temperature control	yes
Refrigerant	R134a
Dimensions [W x H x D]	565 x 199 x 690 mm
Roof opening/roof thickness	400 – 435 x 400 – 435 mm/35 – 50 mm For a smaller roof thickness, use shorter bolts
Weight	approx. 22 kg*
Test marks	TÜV/GS, e-approved to EMC automotive directive
Scope of delivery	Roof air conditioner, mounting frame, air diffuser unit, fixing materials, installation and operating instructions

* plus fixing materials

For vehicles up to 5 m long

Cooling

For 230 V AC stationary operation

Four individually adjustable air vents

Digital control panel display shows temperature and blower speed

Product	Ref. No.
Dometic CA 1000	9100100003
Optional extra Protective cover	9100300004

DC-Kit-1 — 2.08

Standard kit for 12-volt mobile operation, optional accessory

Current consumption [12 volts DC]	30 to 40 A
Recommended generator capacity	≥ 75 A
Recommended total battery capacity	≥ 80 Ah
Continuous output	1000 watts
Dimensions [W x H x D] Inverter	210 x 77 x 300 mm

Scope of delivery: Inverter [sine-wave-like output voltage, with mains priority circuit], remote control incl. 5 m control cable, 2 battery cables 16 mm² [1.5 m long], 230-volt connection cable, charging current distributor with relay

For operation on 12 volts DC

Product	Ref. No.
DC-Kit-1 standard kit for 12-volt mobile operation	9100300003

DC-Kit-3 — 2.08

Comfort kit for 12-volt mobile operation, optional accessory

Current consumption [12 volts DC]	30 to 40 A
Recommended generator capacity [depending on the power drawn by additional electrical appliances]	≥ 75 A
Recommended total battery capacity	≥ 80 Ah
Continuous output	1500 watts
Dimensions [W x H x D] Inverter Mains priority circuit	191 x 88 x 415 mm 190 x 80 x 80 mm

Scope of delivery: Sine wave inverter, remote control incl. 7.5 m control cable, mains priority circuit with 2 power sockets, 2 battery cables 35 mm² [1.5 m long], 2 pieces of 230-volt connection cable, charging current distributor with power relay

For operation on 12 volts DC

Product	Ref. No.
DC-Kit-3 comfort kit for 12-volt mobile operation	9100300002

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With extra-flat air diffuser unit

Flat, aerodynamic and pleasantly quiet: the B 1100S roof air conditioner excels with its high performance and low energy consumption. That means it is even better than the well-proven forerunner model, which has been chosen by leading manufacturers of recreational vehicles for years. Its ultra-flat design reduces vibration and, what's more, makes installation even easier.

With the Dometic B 1500S, we offer you an optimised version of one of the most popular air conditioners in Europe. Having the same size and aerodynamics as the B 1100S, it offers an extra 500 watts in performance. Both models feature an **extra flat air diffuser unit** which gives you more headroom, for example, when opening the bathroom door without catching at the top.

- Flat, aerodynamic design
- Perfect installation results, air conditioner adjusts to the roof thickness
- Extra-flat air diffuser unit
- Pleasantly quiet operation
- Two-speed blower with improved air circulation
- Temperature and blower speed set by control panel
- Additional heating function
- Safe operation, tilt-insensitive up to 10 degrees
- Designed for stationary operation [230 volts]
- Circuit protection for campsites: 4 A delay fuse

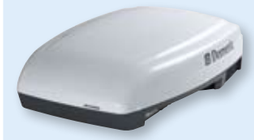
Easy-fit system

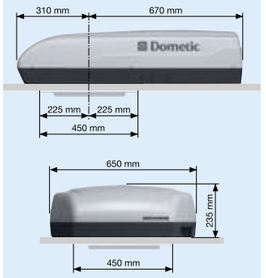
Safe fastening with just four bolts – the easy-fit system makes it possible [available for Dometic B 1100S and B 1500S models].

Perfect installation results are guaranteed, because your air conditioner will adjust to any roof thickness between 25 and 45 mm. For roof thicknesses up to 75 mm thick you can use an adapter to get a neat finish.

Dometic B 1100S / B 1500S — 2.10

Roof air conditioners with 1000- or 1500-watt cooling capacity, for 230-volt stationary operation





	B 1100S	B 1500S
Cooling capacity	1000 watts/3400 Btu/h	1500 watts/5200 Btu/h
Heating capacity	800 watts	800 watts
Power consumption cooling/heating mode	500/800 watts	650/800 watts
Input voltage	230 volts AC/50 Hz	
Current consumption cooling/heating mode	2.1/3.5 A	2.9/3.5 A
Necessary circuit protection [campsite]	4 A delay fuse	
Number of blower speeds	2	
Thermostat temperature control	yes	
Refrigerant	R407c	
Dimensions [W x H x D]	650 x 235 x 980 mm	
Roof opening	400 x 400 mm	
Roof thickness without/with adapter	25 – 45 mm/up to 75 mm	
Weight	approx. 29 kg	approx. 33 kg
Test marks	E-approved to EMC automotive directive	
Scope of delivery	Roof air conditioner, mounting frame, air diffuser unit, fixing materials, installation and operating instructions	

Product	Ref. No.
Dometic B 1100S	9100100004
Dometic B 1500S	9100100005
Accessories	
Adapter set for B 1100S + B 1500S	9100300020

For vehicles
B 1100S: up to 5 m long
B 1500S: up to 6 m long

Hot & Cold

Cooling and heating

AC

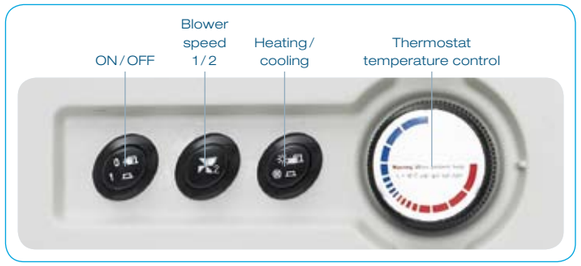
For 230 V AC stationary operation

Extra-flat air diffuser

Pleasantly quiet running

Extra-flat and easy to operate

A comfortable climate – it's child's play now: the air diffuser unit of the S series uses three sensor switches and one rotary knob. ON, select blower speed, activate cooling or heating mode, set the desired temperature – then lean back and relax. **The extra-flat design saves valuable space inside.**



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Air conditioning comfort for larger vehicles

One of the most popular air conditioners in Europe has been improved, equipped with additional luxury features and is available in three different output versions. The result is the Dometic B 1600PLUS, B 2200 and B 2600 compressor roof air conditioners.

Designed for medium and large recreation vehicles, it is easy to install with perfect results. Additional benefits include the user-friendly remote control and integrated lighting. This compact unit delivers fresh, dehumidified air free from dust and dirt. Thanks to a patented diffuser system, air distribution is possible front or back separately, or both front and back together. Heating? That's also easy for this deluxe air conditioner which quickly becomes an absolute must-have accessory on board.

- Flat, aerodynamic design
- Perfect installation results, air conditioner adjusts to the roof thickness
- Pleasantly quiet operation
- Individual air flow regulation with automatic blower control
- Convenient remote control
- Control panel with integrated lighting
- Additional heating function
- Energy-efficient heat pump system [B 2600 only]
- Safe operation, tilt-insensitive up to 10 degrees
- Designed for stationary operation [230 volts]
- B 1600PLUS/B 2200 can also be used with DC-Kit-2 or DC-Kit-3 accessories for mobile operation [12 volts]
- Circuit protection for campsites: 4 A [B 1600PLUS] or 6 A [B 2200, B 2600] delay fuse

Innovative air distribution

What makes the Dometic B 1600PLUS, B 2200 and B 2600 air conditioners so convenient? They are equipped with an elegant diffuser unit which offers several extras. You can direct the air flow just as you want using a slide switch on the air diffuser unit: front only, back only, or front and back together. Four lamps fitted and concealed behind the cover produce a gentle, unobtrusive light.

Convenient remote control

At the touch of a button, you can control all the functions of your Dometic air conditioner easily with the remote control. The digital display shows the selected settings, such as temperature, fan speed, battery status, timer etc.

1. ON/OFF
2. Temperature setting
3. Fan speed
4. Operating mode
5. Digital status display

B 2600: air conditioner with efficient heat pump technology

From a technical point of view, the B 2600 offers a special feature as it is the very first Dometic roof air conditioner to be fitted with an energy-efficient heat pump system.

That means the B 2600 provides extremely powerful cooling and heating in particular, despite using less energy than other comparable systems. The innovative Dometic air distribution allows you to direct the flow of air and the amount as and when you need it. All the major features can be controlled using the multi-functional remote control.

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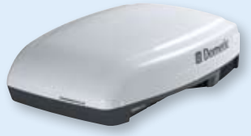
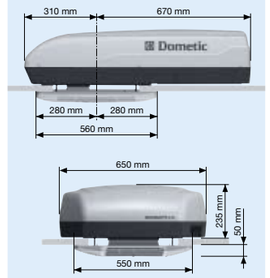
Dometic B 1600PLUS 2.10

Roof air conditioners with 1500-watt cooling capacity, for 230-volt stationary operation,
12-volt mobile operation with optional accessory kit





Cooling capacity	1500 watts/5200 Btu/h
Heating capacity [230-volt mode only]	800 watts
Power consumption for cooling/heating mode	650/800 watts
Input voltage	230 volts AC/50 Hz
Current consumption for cooling/heating mode	2.9/3.5 A
Necessary circuit protection [campsite]	4 A delay fuse
Number of blower speeds	4/automatic
Thermostat temperature control	yes
Refrigerant	R407c
Dimensions [W x H x D]	650 x 235 x 980 mm
Roof opening/roof thickness	400 x 400 mm/30 to 80 mm
Weight	approx. 33 kg
Test marks	E-approved to EMC automotive directive
Scope of delivery	Roof air conditioner, remote control, air diffuser unit, mounting frame, fixing materials, installation and operating instructions

Product	Ref. No.
Dometic B 1600PLUS	9100100007

up to 6 m vehicle length

Cooling and heating mode

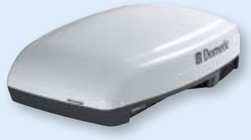
For 230-volt AC stationary operation

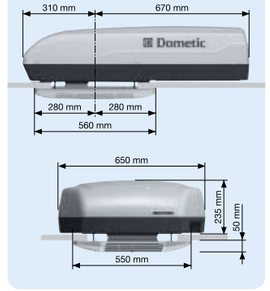
Control panel with integrated lighting

Remote control

Dometic B 2200 2.10

Roof air conditioner with 2200-watt cooling capacity for 230-volt stationary operation,
12-volt mobile operation with optional accessory kit





Cooling capacity	2200 watts/7500 Btu/h
Heating capacity [230-volt mode only]	1200 watts
Power consumption for cooling/heating mode	910/1200 watts
Input voltage	230 volts AC/50 Hz
Current consumption for cooling/heating mode	4.0/5.2 A
Necessary circuit protection [campsite]	6 A delay fuse
Number of blower speeds	4/automatic
Thermostat temperature control	yes
Refrigerant	R407c
Dimensions [W x H x D]	650 x 235 x 980 mm
Roof opening/roof thickness	400 x 400 mm/30 to 80 mm
Weight	approx. 34 kg
Test marks	E-approved to EMC automotive directive
Scope of delivery	Roof air conditioner, remote control, air diffuser unit, mounting frame, fixing materials, installation and operating instructions

Product	Ref. No.
Dometic B 2200	9100100009

up to 7 m vehicle length

Cooling and heating mode

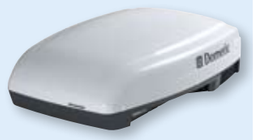
For 230-volt AC stationary operation

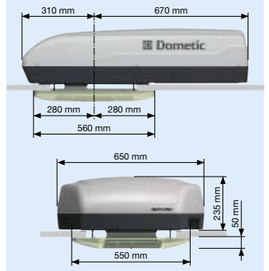
Control panel with integrated lighting

Remote control

Dometic B 2600 2.10

Roof air conditioner with 2500-watt cooling capacity, for 230-volt stationary operation





Cooling capacity	2500 watts/8500 Btu/h
Heating capacity* [heat pump capacity]	3300 watts
Power consumption for cooling/heating mode	1200/1350 watts
Input voltage	230 volts AC/50 Hz
Current consumption for cooling/heating mode	4.0/5.2 A
Fuse	6 A delay fuse
Number of blower speeds	4/automatic
Thermostat temperature control	yes
Refrigerant	R407c
Dimensions [W x H x D]	650 x 235 x 980 mm
Roof opening/roof thickness	400 x 400 mm/30 to 80 mm
Weight	approx. 40.5 kg
Test marks	E-approved to EMC automotive directive
Scope of delivery	Roof air conditioner, remote control, air diffuser unit, mounting frame, fixing materials, installation and operating instructions

* Maximum heating capacity = heat pump capacity
Whenever the ambient temperature drops, the heat pump reduces its energy efficiency.

Product	Ref. No.
Dometic B 2600	9102900102

NEW

up to 8 m vehicle length

Heat pump technology

For 230-volt AC stationary operation

Control panel with integrated lighting

Remote control

DC-Kit-2 2.08

Standard kit for 12-volt mobile operation, optional accessory kit for B 1600PLUS and B 2200

Current consumption [12 volts DC]	100 to 150 A
Recommended generator capacity	≥ 150 A
Recommended total battery capacity	≥ 250 Ah
Continuous output	1600 watts
Dimensions [W x H x D] Inverter	210 x 77 x 410 mm

Scope of delivery: Inverter [sine-wave-like output voltage, with mains priority circuit], remote control incl. 5 m control cable, 2 battery cables 25 mm² [1.5 m long], 230-volt connection cable, charging current distributor with power relay

Product	Ref. No.
DC-Kit-2 standard kit for 12-volt mobile operation	9100300001

For 12-volt mobile operation

DC-Kit-3 2.08

Deluxe kit for 12-volt mobile operation, optional accessory kit for B 1600PLUS and B 2200

Current consumption [12 volts DC]	81 to 113 A
Recommended generator capacity	≥ 120 A
Recommended total battery capacity	≥ 200 Ah
Continuous output	1500 watts
Dimensions [W x H x D] Inverter Mains priority circuit	191 x 88 x 415 mm 190 x 80 x 80 mm

Scope of delivery: Sine wave inverter, remote control incl. 7.5 m control cable, mains priority circuit with 2 power sockets, 2 battery cables 35 mm² [1.5 m long], 2 pieces of 230-volt connection cable, charging current distributor with power relay

Product	Ref. No.
DC-Kit-3 deluxe kit for 12-volt mobile operation	9100300002

For 12-volt mobile operation

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Air conditioning in a class of its own

Welcome to the professional class!

Its powerful cooling capacity makes the Dometic B 3200 ideal for using in utility vehicles and large motorhomes.

It doesn't matter whether it's scorching hot or freezing cold outside, you can always rely on the B 3200. It cools or heats effectively and quietly – delivering filtered, pleasant dehumidified air. The new, ergonomic air diffuser unit is extremely easy to use.

- The most powerful air conditioner in the Dometic range
- Perfect installation results, air conditioner adjusts to the roof thickness
- Pleasantly quiet running
- Three blower speeds for maximum flexibility
- Temperature and blower speed set by control panel
- Additional, powerful heating function [1600 watts]
- Safe operation, tilt-insensitive up to 8 degrees
- Designed for stationary operation [230 volts]
- Mobile operation [230 volts] possible with generators
- Circuit protection for campsites: 7 A delay fuse

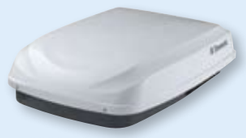
Top performance under extreme conditions

Plenty of power: the Dometic B 3200 has energy to spare even under extreme conditions. Its 3200-watt cooling capacity is easily sufficient for a mobile home with several rooms. Which makes it ideal for large motorhomes and commercial vehicles, for journeys into regions with a hot climate or high temperature fluctuations.

By selecting the right accessories, you can use your B 3200 just about everywhere. A Dometic generator, for instance, makes you independent from the 230-volt mains [see p. 118 – 125].

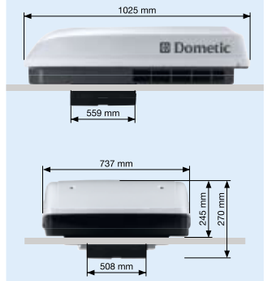
Dometic B 3200 — 2.10

Roof air conditioner with 3200-watt cooling capacity, for 230-volt stationary operation



B 3200 Roof air conditioner

B 3200 Air diffuser



Cooling capacity	3200 watts/10900 Btu/h
Heating capacity	1600 watts
Power consumption cooling/heating mode	1350/1600 watts
Input voltage	230 volts AC/50 Hz
Current consumption cooling/heating mode	6.3/6.9 A
Necessary circuit protection [campsite]	7 A delay fuse
Number of blower speeds	3
Thermostat temperature control	yes
Refrigerant	R407c
Dimensions [W x H x D]	737 x 245 x 1025 mm
Roof opening/roof thickness	355 x 355 mm/110 mm
Weight	approx. 45 kg
Test marks	E-approved to EMC automotive directive, CE
Scope of delivery	Roof air conditioner, mounting frame, air diffuser unit, fixing materials, installation and operating instructions

Product	Ref. No.
Dometic B 3200 [Roof air conditioner + air diffuser]	9108555544 + 9108556585*

* When ordering, please specify both reference numbers.

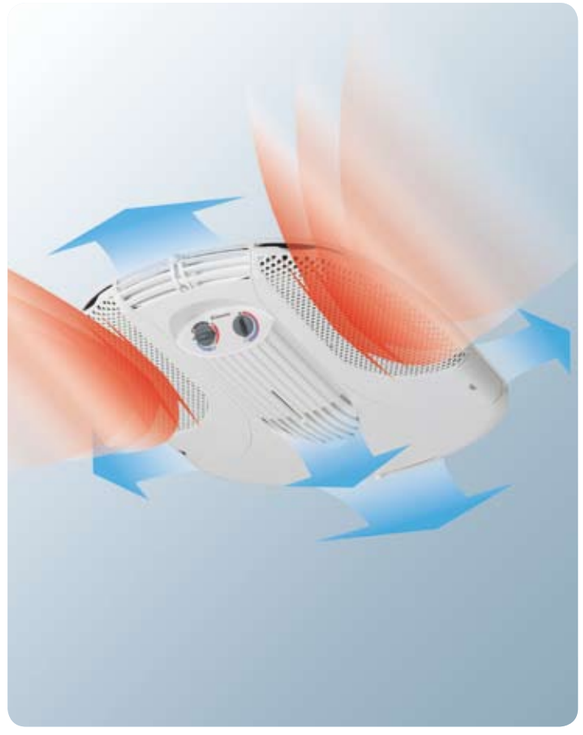
For vehicles 8 m long or beyond

Cooling and heating

For 230 V AC stationary operation

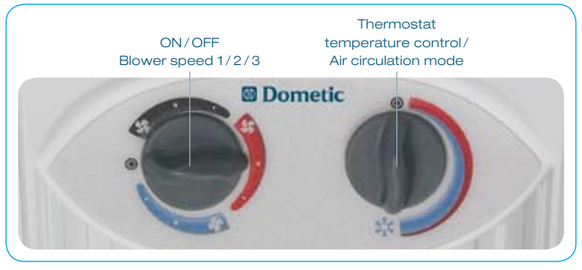
Air circulation mode can be activated separately

The new control panel: elegant, ergonomic, easy to operate



Simply ingenious: the flat, ergonomic air diffuser of the B 3200 series has two rotary switches – one for the temperature and one for the blower speed. The air stream is vented in the vehicle interior via five nozzles and can be distributed by complete or partial opening or closing of the vents, respectively – just set it to what you find most comfortable.

Pleasantly flexible: the B 3200 cools or heats and purifies the air in the vehicle interior at the same time. The filter function may be activated even when the air conditioner and heater are switched off. Just turn to the grey symbol for circulation and breathe in purified air!



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The unique under-bench air conditioner

Experience the world's first under-bench air conditioner with genuine heating function! Regardless of whether it is tropically hot or unpleasantly cold outside: the climate inside your vehicle is always just right.

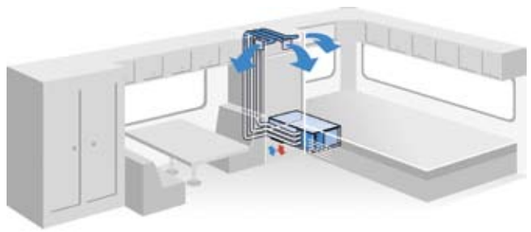
Based on efficient heat pump technology the Dometic HB 2500 provides high performance at low energy consumption. It purifies and dehumidifies the air, cools or warms it.

The air is evenly distributed to the different areas of the vehicle via three outlets. The position of these outlets is variable and can be individually adapted to your vehicle. All functions, which include night-time control and time programming, can be comfortably set by remote control. The benefits of under-bench installation are obvious: roof window, outer dimensions and the physical properties of your vehicle remain unaffected.

- Energy-efficient heat pump system for cooling and heating
- No extra roof load, roof window is retained
- Three blower speeds, air distribution can be adjusted as required
- Variable position of the air outlets
- Low-noise air circulation
- Low weight
- High operating comfort with multi-functional remote control
- Designed for stationary operation [230 volts]
- In combination with DC-Kit-3 also for mobile operation [12 volts]
- Circuit protection for campsites: 6 A delay fuse

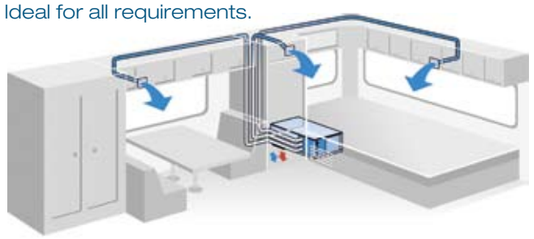
Central air distribution

High-performance, efficient air distribution



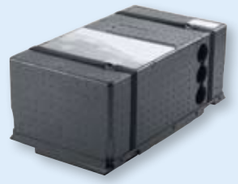
All-round solution

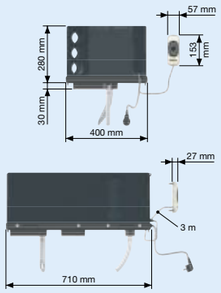
Even air distribution in each part of the vehicle. Ideal for all requirements.



Dometic HB 2500 — 2.10

Under-bench air conditioner with 2500-watt cooling capacity, for 230-volt stationary operation, 12-volt mobile operation with optional DC kit





Cooling capacity	2500 watts/8500 Btu/h
Heating capacity [heat pump capacity* plus heating resistor capacity]	3000 watts
Power consumption cooling/heating mode	900/1100 watts
Input voltage	230 volts AC/50 Hz
Current consumption cooling/heating mode	3.9/4.8 A
Necessary circuit protection [campsite]	6 A delay fuse
Number of blower speeds	3
Thermostat temperature control	yes
Refrigerant	R410a
Dimensions [W x H x D]	400 x 280 x 710 mm
Weight	approx. 24.9 kg
Test marks	E-approved to EMC automotive directive
Scope of delivery	Air conditioner, remote control, IR receiver, fixing materials, installation and operating instructions

* Whenever the ambient temperature drops, the heat pump reduces its energy efficiency.

Product	Ref. No.
Dometic HB 2500	9100100010

Up to 8 m vehicle length

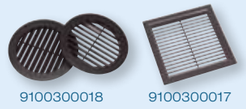
Heat pump technology

For 230 V AC stationary operation

Remote control

Accessories — 2.10

for customised air distribution solutions



Product	Ref. No.
Circular air inlet grille [2 pieces] ø 190 mm	9100300018
Rectangular air inlet grille 240 x 240 mm	9100300017
Air outlet grille kit [3 pieces] ø 60 mm	9100300016
Curve 90°, ø 60 mm	9100300015
Flexible hose ø 60 mm x 10 m length	9100300019

DC-Kit-3 — 2.08

Comfort kit for 12-volt mobile operation, optional accessory

Current consumption [12 volts DC]	90 A max
Recommended generator capacity	≥ 150 A
Recommended total battery capacity	≥ 250 Ah
Continuous output	1500 watts
Dimensions [W x H x D]	
Inverter	191 x 88 x 415 mm
Mains priority circuit	190 x 80 x 80 mm

Scope of delivery: Sine wave inverter, remote control incl. 7.5 m control cable, mains priority circuit with 2 power sockets, 2 battery cables 35 mm² [1.5 m long], 2 pieces of 230-volt connection cable, charging current distributor with power relay

Product	Ref. No.
DC-Kit-3 comfort kit for 12-volt mobile operation	9100300002

For operation on 12 volts DC

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